

ABSTRACT OF THE INVENTION

The Instrument Sterilization Roll is innovative because it uses existing materials in a new design to allow for an efficient, inexpensive and time conserving method of sterilization.

The new design incorporates a perforation between pouches, which can be of any functional width, connecting them allowing separation while maintaining sterility. Once the instruments are processed, the row of instruments can be rolled to facilitate ease of storage. The counting aid allows quick counting of the number of pouches removed from the roll at any given time. The fact that the pouches are connected allows the sealing of numerous pouches at once when the protective strip is removed revealing an adhesive strip. The flap is folded sealing the whole row of pouches at once. With the individual pouches each strip needs to be removed and folded. This is very time consuming. The existing pouches are large allowing numerous or large instruments to be sterilized. When sterilizing numerous instruments or small instruments with the old pouches there are serious drawbacks. If sterilizing single instruments, the present systems become expensive and time consuming. If numerous instruments are sterilized under the present systems and only one or a few are needed the whole pack of instruments must be resterilized again. The Instrument Sterilization Roll combines visualization, efficiency, sterilization maintenance, and cost effectiveness, making it practical to sterilize every instrument and maintain that sterilization until the time of use.